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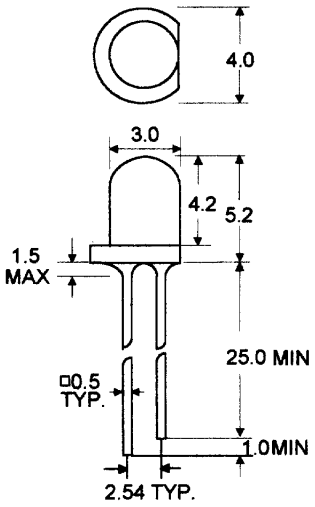
Jameco Part Number 114681

LIGITEK

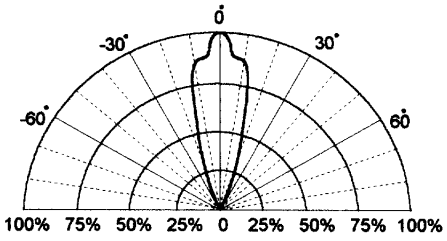
SUPER BRIGHT ROUND TYPE LED LAMPS **LVX2043** SERIES

Package Dimension



Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

Radiation



• **Part Selection And Application Information (Ratings At 25°C Ambient)**

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LSR2043	GaAlAs	Red	Water Clear	660	20	1.5	2.4	90	150	30
LHR2043	GaAlAs	Red	Water Clear	660	20	1.5	2.4	160	300	30
LUR2043	GaAlAs	Red	Water Clear	660	20	1.5	2.4	350	600	30
LVG2043	GaP	Green	Water Clear	565	30	1.7	2.8	75	120	30
LVY2043	GaAsP/GaP	Yellow	Water Clear	585	35	1.7	2.8	50	85	30
LUY2043	AlGaInP	Yellow	Water Clear	595	15	1.7	2.8	350	900	30

• **Absolute Maximum Rating (Ta=25°C)**

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	*HR*	*UR*		*VG*	*VY*		*UY*				
Forward Current	40	40	40		30	20		50			mA	
Peak Current Duty 1/10 @1Khz	200	200	200		120	80		200			mA	
Power Dissipation	80			100		60		100			mW	
Reverse Current @5V	10			10		10					μA	
Operating Temperature	-40°C TO +85°C											
Storage Temperature	-40°C TO +100°C											
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)												

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